## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits   | Search Query      | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|------|--------|-------------------|--|---------------------|---------|---------------------|
| L1   | 78334  | Hong.in,          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L2   | 1754   | Maeng.in.         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L3   | 190854 | Yang.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L4   | 54293  | Jang.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L5   | 51976  | Oh.in.            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L6   | 77653  | Song.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L7   | 0      | L1 L2 L3 L4 L5 L6 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | WITH                | OFF     | 2010/05/19<br>16:56 |
| L8   | 433570 | L1 L2 L3 L4 L5 L6 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L9   | 5      | KR127             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| L10  | 4      | I8 and I9         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/05/19<br>16:56 |
| S1   | 52756  | Hong.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/02/21<br>18:11 |
| \$2  | 1249   | Maeng.in.         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/02/21<br>18:11 |
| S3   | 95273  | Yang.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/02/21<br>18:11 |
| S4   | 34084  | Jang.in.          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/02/21<br>18:12 |

| S5  | 37063  | Oh.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:12 |
|-----|--------|--|--|----|-----|---------------------|
| S6  | 45129  | Song.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:12 |
| S7  | 5948   | antibody and HBV   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:13 |
| S8  | 252568 | S1 S2 S3 S4 S5 S6  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:13 |
| S9  | 266    | S7 and S8  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:13 |
| S10 | 4      | KR127  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:13 |
| S11 | 2      | antibody same<br>humanized same<br>(specificity adj<br>determining adj<br>residue) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:19 |
| S12 | 13     | antibody same<br>humanized same SDR  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:19 |
| S13 | 427    | antibody same<br>humanized same<br>alanine   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:21 |
| S14 | 275    | antibody same<br>humanized same<br>alanine same affinity                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:23 |
| S15 | 2      | "20060171941"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/21<br>18:33 |
| S16 | 4058   | SDR or (specificity adj<br>determining adj<br>residues)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S17 | 52963  | Hong.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S18 | 1252   | Maeng.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S19 | 95968  | Yang.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |

| S20         | 34192  | Jang.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
|-------------|--------|--|--|----|-----|---------------------|
| S21         | 37164  | Oh.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S22         | 45344  | Song.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S23         | 253838 | S17 S18 S19 S20 S21<br>S22                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S24         | 93     | S23 and S16  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:22 |
| S25         | 255634 | antibody   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:26 |
| S26         | 7      | S24 and S25  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/05<br>12:26 |
| <b>S</b> 27 | 318    | CDR same antibody same alanine                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/05<br>13:24 |
| S28         | 8      | S16 and S27  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/05<br>13:24 |
| S29         | 2      | "7115723".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/05<br>13:25 |
| S30         | 91     | CDR same antibody same alanine same replaced                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/05<br>13:29 |
| S31         | 14     | CDR same antibody<br>same alanine same<br>replaced same affinity | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/05<br>13:30 |
| S32         | 2      | "7115723".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/13<br>12:27 |
| S33         | 59028  | Hong.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
| S34         | 1380   | Maeng.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
| S35         | 116346 | Yang.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |

| S36         | 37514  | Jang.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
|-------------|--------|--|--|----|-----|---------------------|
| <b>S3</b> 7 | 40879  | Oh.in.                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
| S38         | 52623  | Song.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
| S39         | 292876 | S33 S34 S35 S36 S37<br>S38                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/11<br>14:17 |
| S40         | 9761   | KR127 or HBV                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/11<br>14:17 |
| S41         | 399    | S39 and S40                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/11<br>14:17 |
| S42         | 43594  | humanized                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/11<br>14:17 |
| S43         | 135    | S41 and S42                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/11<br>14:17 |
| S44         | 69130  | Hong.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S45         | 1559   | Maeng.in.                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S46         | 151203 | Yang.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S47         | 44430  | Jang.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S48         | 46940  | Oh.in.                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S49         | 65243  | Song.in.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S50         | 360531 | S44 S45 S46 S47 S48<br>S49                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |
| S51         | 633    | antibody same<br>humanized same<br>alanine | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/07/19<br>20:08 |

| S52         | 633  | S51  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/07/19<br>20:08 |
|-------------|------|--|--|------|-----|---------------------|
| S53         | 9    | S50 and S51  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/07/19<br>20:09 |
| S54         | 2    | "7115723".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>17:24 |
| S55         | 1104 | (alanine adj scanning<br>adj mutagenesis) same<br>antibody                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:10 |
| <b>S</b> 56 | 0    | (alanine adj scanning<br>adj mutagenesis) same<br>antibody same SDR            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:10 |
| S57         | 36   | (alanine adj scanning<br>adj mutagenesis) same<br>antibody same CDR            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:10 |
| S58         | 38   | specificity adj<br>determining adj<br>residue                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:12 |
| S59         | 135  | specificity adj<br>determining adj<br>residue                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | ON  | 2010/05/18<br>22:12 |
| <b>S</b> 60 | 15   | S55 and S59  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | ON  | 2010/05/18<br>22:13 |
| S61         | 0    | (alanine adj scanning<br>adj mutagenesis) same<br>antibody same grafting       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:30 |
| S62         | 2    | (alanine adj scanning<br>adj mutagenesis) same<br>antibody same graft\$        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:30 |
| 963         | 34   | (alanine adj scanning<br>adj mutagenesis) same<br>antibody same<br>specificity | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:32 |
| S64         | 2    | (alanine adj scanning<br>adj mutagenesis) near<br>antibody                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2010/05/18<br>22:39 |
| S65         | 510  | (alanine adj scanning<br>adj mutagenesis) with<br>antibody                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | WITH | OFF | 2010/05/18<br>22:40 |
| S66         | 510  | (alanine adj scanning<br>adj mutagenesis) with<br>antibody                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | WITH | OFF | 2010/05/18<br>22:40 |

## EAST Search History (Interference)

- < This search history is empty>
- 5/19/2010 4:57:20 PM
- C:\ Documents and Settings\ aboesen\ My Documents\ EAST\ Workspaces\ 10 508 759.wsp